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| | | Patent Application Bibliographic Data Sheet |
| <u> X </u> | <u> 1 </u> | Page application cover sheet |
| <u> X </u> | <u> 76 </u> | Pages of specification (includes claims and abstract) |
| <u> X </u> | <u> 13 </u> | Sheets of drawing(s) |
| <u> </u> | <u> </u> | Pages of an executed Declaration for Patent Application |
| <u> </u> | | An executed Power of Attorney for Patent Application by Assignee |
| <u> </u> | | Paper copy of sequence listing, pages ____ through ____ |
| <u> </u> | | Sequence listing in computer readable form |
| <u> </u> | | Statement Under 37 CFR 1.821(f) |
| <u> </u> | | An executed assignment and cover sheet |
| <u> </u> | | An executed Statement Under 37 CFR 3.73(b) |
| <u> </u> | | An executed small entity statement |
| <u> </u> | | Request for Nonpublication and Certification |
| <u> </u> | | Also enclosed: |

The filing fee has been calculated as shown below:

	Number Filed		Number Extra		Rate		Fee	
					Small Entity	Other Entity	Small Entity	Other Entity
Total Claims	35 - 20	=	35	x	\$9	\$18	=	\$
Indepen- dent Claims	3- 3	=	0	x	\$43	\$86	=	\$
Multiple Dependent Claims Presented: __ Yes <u>X</u> No					\$145	\$290		\$
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Respectfully submitted,

Date: December 11, 2003



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